

LIFTING A GREAT BRIDGE

How This Remarkable Feat Will Be Accomplished by Hand.

A great suspension bridge is to be raised by hand.

It is proposed to lift bodily the whole traffic way of the Cincinnati and Covington Suspension Bridge and to do it without impeding traffic in the slightest degree. The simplicity of the construction of suspension bridges makes this feat possible.

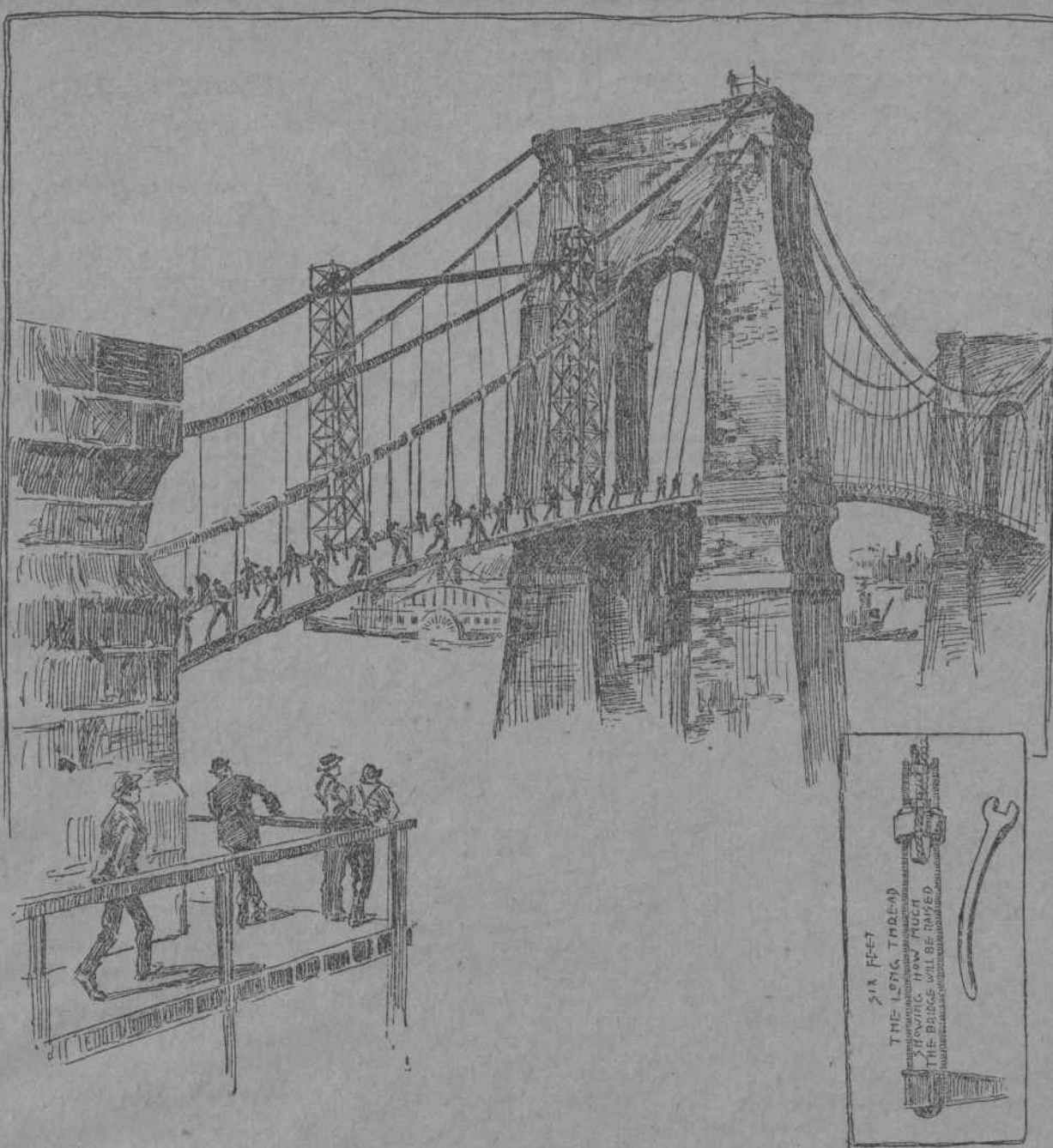
The whole length of the suspension bridge is supported by perpendicular wire ropes, connected with immense cables swung from pier to pier. These supporting ropes are, in the technical language of the bridge builders, "suspenders." When the bridge was built their lower ends were made fast to the end girders running crosswise of the bridge structure and supporting the roadway.

For more than a week workmen have been casting these suspenders loose and re-fastening them with clutches, which may be shortened fully six feet by simply using big wrenches upon screwheads. When all of these suspenders have been supplied with new clutches the whole roadway of the bridge will be practically adjustable as to elevation.

There are 608 of these suspenders, and it was at first intended to have a force of 608 men and do all the raising in one night. Chief Engineer Wilhelm Hildenbrandt, who makes small figures on yard after yard of paper every day, has, however, declared that this plan is not necessary. The raising will be done at night, but from four to six nights will be required.

The bridge will, of course, be at a different level each day, but this difficulty will be overcome by the construction of adjustable platforms to be used at the approaches and traffic will not be interrupted.

Every single detail of the great work has been arranged to a nicety. When the raising begins 200 men will be stationed at the suspenders of the end to be raised. Each man will know exactly how far he is



How Two Hundred Men Will Simultaneously Help to Lift a Gigantic Suspension Bridge.

to turn the lever which controls the screwheads of the clutch. The men at the extreme end, where the bridge is to be raised six feet, will take a full turn. The men in the middle, where the raise is to

be but seventeen inches, to accord with the law requiring the bridge to be 100 feet above low water mark, will take only a very small part of a turn. A whistle will blow to signal each turn, and up will

come the whole bridge a fraction of an inch. This process will be continued until the whole roadway is at the new level. The preparations for raising the bridge have already been completed.

THE MAN WHO PAID \$1,250,000



Mr. Bottomley, of England, the Man with a Million Dollar Conscience.

THIS is the story of an honest man—a man who was willing to pay one and a quarter million dollars to prove to the world that he was the man whom Diogenes is said to have sought with a lantern. Horatio Bottomley, for that is his name, was his own Diogenes, for he discovered himself, much to the surprise and delight of his creditors, who had no hold upon him, save that of honor.

This is also the story of one of those instances of British guile, which almost surpasses belief—another instance of the South Sea bubble of the last century, although on a smaller scale. It is a story that will interest every student of human nature, every one who has money to invest and the great mass which would like to have money to invest, for it proves that "all the fools are not dead yet," and that there are still some honest men in this fin de siècle age.

To begin at the beginning: Once upon a time there was a man named Bottomley, who was the managing director of a printing company in London, known as the Hansard Printing Company. It did a fair and lucrative business in one of the numerous side streets leading from the famous Fleet street to nowhere in particular. This was in 1889.

Mr. Bottomley was more or less of a financial genius, and he conceived the idea of amalgamating all the printing concerns in England in one gigantic trust, with himself as the managing director. Accordingly, he issued a prospectus, written in glowing words and full of golden promises of milk and honey to come.

This prospectus was printed far and wide and asked for \$1,250,000 capital as a nucleus of the Hansard Printing Union (limited). So gorgeous were the prospects held out to investors that within a few days the entire capital was subscribed. The new company took over the business of the Hansard Printing Company, and then looked for new fields to conquer.

Sir Roger Lethbridge, M. P., Coleridge J. Kennard, an ex-M. P., Kegan Paul, the publisher, and A. P. Sibbett.

At a meeting of the shareholders of the Hansard Union Mr. Bottomley suggested that he knew of a valuable property, consisting of the Bridge Paper Mill at Collymore, Devonshire, and the Athenaeum Printing Works at Red Hill, which the union could purchase at a bargain—\$800,000. Mr. Bottomley suggested that a committee of the union inspect the works and that \$750,000 extra shares be issued to pay for the works.

This was accordingly done, and the works were eventually bought for \$350,000. Up to this time the union was paying fairly—between 10 to 12 per cent. Then, in 1891, came the crash in the South African mining market and the failure of the Barings, with the subsequent depression in mercantile circles, and the Hansard Union collapsed absolutely and went into receivers' hands.

Stormy meetings of shareholders followed, at which the life of Mr. Bottomley was repeatedly threatened, and he was twice assaulted. A committee was ap-

pointed to look into the affairs of the union and labored for nearly a year. Then, on March 1, 1892, Bottomley, Sir Henry Isaacs, his brother and Dollman were arrested on a criminal charge of conspiring to defraud the union out of \$150,000 in the sale and purchase of the Bridge Mill and the Athenaeum Printing Works.

They were tried before Justice Hawkins and a jury, the trial lasting nearly a year, at the end of which time they were acquitted. The affairs of the Hansard Union were wound up and thousands of poor investors were ruined. So much misery was caused by this failure that Bottomley collected \$150,000 for their immediate relief. Then he dropped from public gaze for five years.

Just what Mr. Bottomley did during this interim is not known. But at the latter part of last month he created the greatest astonishment by calling a meeting of the creditors and shareholders of the union to meet him in the great parlor of the Cannon Street Hotel.

The first and only speaker was Horatio Bottomley. He began by alluding to the last previous meeting of the shareholders, some six years before, when he was assaulted, jeered and booed. Then he traced the history of the union, ascribing its failure to the collapse of the Barings and the unfortunate conditions prevailing at the time.

Then he dwelt upon various phases of the prosecution against him and his associates, and finished by giving to a com-

mittee of the shareholders \$1,250,000, without restrictions or conditions—to clear his good name.

The man who had formerly abused Mr. Bottomley, who had assaulted him, now turned the other way and cheered him to the echo. They acclaimed him their friend and savior. Horatio Bottomley was the hero of the hour and all the British papers contained leading articles commenting upon his honesty.

has granted an injunction against all foreigners on the patented Imperial Hair Regenerator, manufactured only by the Imperial Chemical Mfg. Co., 292 5th Ave., N. Y., and the learned judge on the bench pronounced it "a useful and meritorious invention."

Imperial Hair Regenerator FOR GRAY OR BLEACHED HAIR. Clean, odorless, lasting. It does not contain an atom of poisonous matter, will not stain the scalp, and bathes the hair with a soft, healthy, and curling moisture. Price, \$1.50 and \$3.00. ANY SHADE OF ANY COLOR.

We make applications a specialty, and give absolute privacy. Samples of hair colored free of charge. Facial Massage by an Expert. 292 5TH AVE., Bet. 20th & 21st sts. (Take elevator.)

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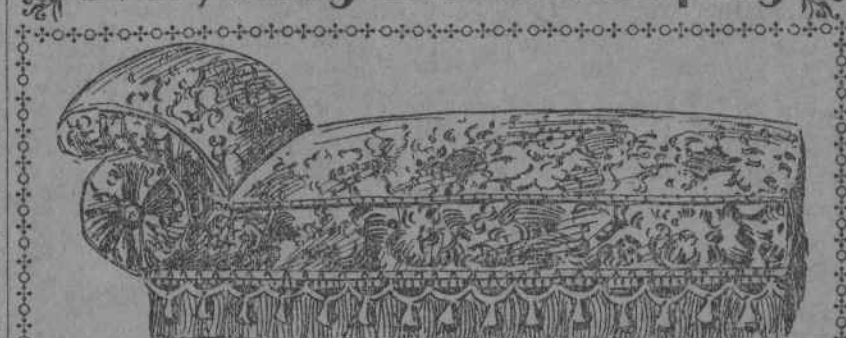
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We make applications a specialty, and give absolute privacy. Samples of hair colored free of charge. Facial Massage by an Expert. 292 5TH AVE., Bet. 20th & 21st sts. (Take elevator.)

REST EASY

about that flat you want to furnish. Come to us. You don't need cash; we'll take your promise to pay, and won't hurry you. An inspection of our goods and prices will satisfy you of fair treatment here. We keep

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6.48 This Couch 6.48

Covered in the finest imported Velours. Made with spring edge, 22 springs in seat and head. Silk and wool fringe. Good upholstery; 28 inches wide, full 6 ft. long. No Excelsior used. See them in our window. The greatest bargain we ever offered. 50 cts. must be paid for packing Couch for out-of-town delivery.

A FOUR-ROOM FLAT Furnished complete for \$138.00 LOW PRICES. LIBERAL CREDIT. FAIR TREATMENT.

J. BAUMANN & BRO. 1479, 1481 and 1483 Third Ave., at 84th St. 84th St. Station "1" or Cable Cars. Open Saturday till 10 P. M.

ITCHING HUMORS Instantly relieved by Cuticura Remedies.

REGARDING THE FEES.

Doctor Copeland's Final Notice That They Only Apply to Those Commencing or Renewing Treatment Before June 1.

Raising the Fees the Only Practical Way of Relieving the Strain Upon the Offices Caused by the Influx of Patients to Be Cured of Deafness—More Marvellous Testimony of Those Who Were Deaf and Who Now Hear—The Advantages of Summer Treatment.

The low fees which have been given during the Copeland practice in New York will only apply to those beginning or renewing treatment during this month. The books will be closed June 1. Only those patients applying for or renewing treatment before that date will be entitled to the low fees. All those, however, beginning or renewing treatment before that date will, as is manifestly just, be entitled to these fees until cured. This notice is final. It applies to all old and new patients and all diseases. It is limited only in time.

It is appropriate at just this time of the year, while the interest of the community, and, indeed, of the whole country, over the new and marvellous treatment for the cure of Deafness which Doctor Copeland has given the world is at its height, while the testimony is pouring in and filling the newspaper columns regarding the cures which the Discovery is accomplishing, that it should be made very clear that the marvellous measure of the success of the Discovery has by no means been reached, that it is during the next few months, during the favorable influences of the Summer season, that the most splendid and uniform results will be made apparent—when the liability to colds which impede the progress of the treatment is reduced to a minimum and nature lends her aid to the work of the physician.

It has been seen, even during the inclement and unfriendly influences of the se-

HAD TO SHOUT AT HIM; HE NOW HEARS A WHISPER.

John Amend, Jr., 15 Alabama Ave., Brooklyn, aged 30 years: "When I began treatment under Doctor Copeland I was almost totally deaf. I could not hear a word that was not shouted at me. All common sounds were totally lost to me. Now I can hear conversation carried on in a whisper, and no sounds, never mind how faint, are lost to me."

"I had been deaf for 14 years. I had been treated by different doctors for a dozen years and had finally become discouraged. In fact, I had been told three times that my case was hopeless, that I never could hear again."

"I really think that the different doctors that treated me made my hearing worse instead of better. They jammed sharp instruments up my eardrums and into my ears until it seemed as if the points would come out of my eyes or out of the back of my head. The pain was terrible. Rumbling and ringing noise in my head had prevented me from sleeping and had made me so extremely nervous that my health was much broken. My restaurant business was seriously interfered with and I was obliged to employ others to do the work which I should have been able to do myself had my hearing been good."

"Under Doctor Copeland's treatment my hearing gradually returned to me. I no-

SPECIALISTS TOLD HER SHE COULD NEVER HEAR AGAIN.

Miss Elfrida Peterson, 155 West Fifty-eighth street, New York City: "When I went to the Copeland Institute they told me that they could restore my hearing. They have kept their promise."

"I had been deaf since childhood, fix-



Miss Sarah Yarnall, Forked River, N. J. Cured of Kidney and Stomach troubles.

teen years ago I had Typhus Fever, and it left me dull of hearing. With my deafness were mixed in my head like the ringing of bells and the whistling, hissing sounds of escaping steam. Unless people shouted at me I could not hear a word. Only when a watch was pressed close against my ears could I hear it tick.

"In church I always sat in a front seat, but even then I could not hear enough of the sermon to catch its meaning. I was barred from places of amusement because I could not understand."

"I went from one specialist to another, and also to the hospital at Forty-first street and Park Avenue, but was told by all that there was no help for me."

"They were all wrong, however, for now I can hear as well as any one. I can hear every word that is said in an ordinary tone. I can hear a watch tick when held several feet from my ear, and I have no difficulty in hearing the preaching and singing in church. The ringing noises have entirely ceased."

TO HEAR AGAIN LIKE BEING OUT OF PRISON.

Mrs. Martha Wilson, 120 West 18th Street, New York City: "The last issue of sound has been restored to me."

"I was totally deaf in my left ear for ten years. After that ear became totally useless I gradually lost the hearing in my right ear. Finally I became so deaf that I could not hear the ticking of a clock, the ringing of a door bell nor the heavy rumble of the elevated when near by."

"The buzzing and ringing sounds in my head almost drove me crazy. I could not hear a word of the sermon in church."

"Finally I determined myself to go to the Copeland Doctors and see if they could do something for me. I really felt relief from the very first. The noises in my head gradually became less and then I found that I could hear better. It seemed as though."

My Head Began to Thaw Out.

and I found that I could hear what people were saying to me. It seemed almost like being let out of prison, or, if you can understand what I mean, as though I had been obliged for years to talk with all my friends through the telephone and finally to have them come to me and talk in their natural tones and be able to hear as well as I ever did in my life."

"These awful noises have stopped, entirely, and since the recovery of my hearing and the stopping of the noises my health is better than it had been before in years."

RINGING NOISES CURED. Mrs. Lizzie Plunket, 123 East 21st street, New York City: "An attack of the Grippe left me so deaf that when I was eating I could not hear one sound. I had sharp pains and awful noises in my head. The Copeland Doctors have completely restored my hearing and entirely driven away the noises."

DEAFNESS FROM A FALL. Henry Peters, 322 Madison street, Holoken, N. J., 18 years old: "When I was a boy I had a fall which shocked my nervous system and finally resulted in deafness. I was not able to hear the strokes of the door bell, which is close to my house. Now my hearing is as acute as any one's."

Dr. Copeland's Books Free.

Doctor Copeland's second book of Monographs is now in circulation. It contains in condensed form the famous physician's Monographs on the Stomach, the Liver and the Skin also a descriptive article entitled "Why the Treatment Cures," which is a sequel to the article entitled "The Treatment That Cures." In the first book. This second book of Monographs, as well as his first book, containing his Monograph on Deafness, and his famous symptoms questions, may be obtained free upon application to the office either in person or by writing.

CONSULTATION FREE.

THE Copeland Medical Institute

OFFICES: 79 Fifth Avenue, between 15th and 16th Streets, and 315 Madison Avenue, corner of 42d Street, New York.

Doctors W. H. Copeland, E. E. Gardner, Hunter St. John

Office Hours—Daily, 9 A. M. to 3 P. M. Sun. days, 10 A. M. to 4 P. M.



"When I found that my hearing had returned to me the sound of my clock was the sweetest music that ever came to mortal ears. I would and started up every clock in the house and walked from room to room enjoying the to me beautiful sound, where before all had been deathly stillness."—MRS. ELIZA ANTHONY, 18 West 102d St., New York City.

vere Winter weather, and the changeable weather of Spring and Fall, how this treatment, even against the influences of the climate and weather, restores the lost hearing to those of all ages, and regardless of the original cause.

As is well known, in Southern climates deafness is not nearly so prevalent as in the North. The reason for this is that in a mild climate the inflammation which closes the Eustachian Tube, thus causing deafness, is subdued more easily. So, from now on, Doctor Copeland's treatment will have the wonderful benefits of nature's help instead of the trying influences of her opposition, as it has had during the harsh Winter and Spring months. During the Winter and early Spring the influence of the "wonderful medication finds constant opposition to its work in opening up the inflamed and closed passage leading from the throat to the inner ear. Hence one month of treatment during the Summer is worth at least two months in the Winter.

SO DEAF HE COULDN'T HEAR HIS OWN VOICE.

Theodore Von Dohlen, 413A Quincey street, Brooklyn: "If Dr. Copeland's fee had been one thousand dollars I would have felt that

until now I can hear as well as I ever did in my life, in fact, as well as any one. The noises in my head have stopped. I get my natural sleep and have regained my health."

AN EAR STONE DEAF RESTORED TO SOUND.

Mrs. C. Stewart, 543 5th Avenue, South Brooklyn: "The Copeland Doctors have restored my hearing after a period of deafness lasting over twenty years. For all these twenty years I never heard a sound with my right ear. Two years ago my left ear became affected."

"I sold out my shoe store, principally because I could not hear what the customers said. I was constantly getting deaf and deaf. I had been under Doctor Copeland's treatment a long time before the improvement began, and was thoroughly discouraged, when suddenly sounds began to come to me more clearly."

"Now I can hear a whisper. My right ear—the ear that had been dead to sound for twenty years—has so improved that I can hear many sounds with it. The hissing and hissing sounds that had disturbed me for the greater part of my lifetime have been entirely driven away."

THANKS GO FOR HEARING RESTORED.

Miss Emma Conlin, 367 Decatur st., Brooklyn: "My mother says: 'My daughter, seven years old, began to grow deaf three years ago. My sister was cured by Doctor Copeland seven years ago, and for this reason I took Emma to him, and I thank God that I did, for she can now hear as well as any one.'"

"She was so deaf that it was necessary to first draw her attention by touching her, and then shouting at her in order to make her understand a word that was said."

"She could not hear even the loudest sounds ten feet away. She could not hear a hand organ on the sidewalk when in the house, and she has as improved in every way that her general health is now perfect."

WAS DEAF 25 YEARS.

William Winter, 87 Congress Ave., Flushing, L. I.: "I can hear again clearly, after having been deaf for twenty-five years. My deafness began when I was a boy, and increased until I could not hear a word spoken unless the voice was raised. I could not hear anything at church or at the theatre. There was a noise like escaping steam in my head all the time."

"The noises have been stopped, and I can now hear as well as the majority of people."

HAD TO SHOUT AT HER.

Mrs. S. A. Bycroft, 330 West 35th street, city. (Present address, care Mrs. Chas. Sherwood, 32 Monument st., Colorado Springs, Colo.): "I was so deaf that I could not hear a word that was not shouted at me. I had noises in my ears like the serpent hissing and the bee's buzzing. My hearing has been restored and the noises stopped."